

Form PTO-1449

Docket Number (Official)

Application Number

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

31145T

09/338,158

Applicant

Kotsiopoulos

Filing Date June 22, 1999

Group Art Unit 3721

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
<i>1sc</i>	AA	2,513,093	06/27/50	Hageman	225	100	11/07/45
<i>1sc</i>	AB	2,618,336	11/18/52	Davidson	225	100	11/22/49
<i>1sc</i>	AC	2,655,842	10/20/53	Baumgartner	225	100	08/18/50
<i>1sc</i>	AD	3,127,027	03/31/64	Roser et al.	214	1	12/14/62
<i>1sc</i>	AE	3,220,158	11/30/65	Roser et al.	53	164	09/06/62
<i>1sc</i>	AF	3,272,044	09/13/66	Obenshain	83	154	10/09/62
<i>1sc</i>	AG	3,281,143	10/25/66	Mommsen et al.	271	10	07/06/64
<i>1sc</i>	AH	3,286,831	11/22/66	Giberstein	206	56	12/08/65
<i>1sc</i>	AI	3,302,946	02/07/67	Anderson	271	29	09/11/64
<i>1sc</i>	AJ	3,332,324	07/25/67	Lehmacher et al.	93	8	02/20/64
<i>1sc</i>	AK	3,390,875	07/02/68	Beert et al.	271	5	10/06/65

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-class	Translation
<i>1sc</i>	AL	53-31067	08/31/78	Japan	B65B	61/12	Partial
<i>1sc</i>	AM	53-38997	10/18/78	Japan	B65B	57/04	Partial
<i>1sc</i>	AN	27-30-133	01/11/79	Germany			Partial
<i>1sc</i>	AO	545,113	05/11/42	Great Britain			N/A
<i>1sc</i>	AP	WO83/04013	11/1983	WIPO	225	100	

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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3/22/80

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U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
<i>1/8</i>	BA	3,481,520	12/02/69	Pickering	225	100	01/03/67
<i>1/8</i>	BB	3,631,651	01/04/72	Kopp	53	123	11/16/69
<i>1/8</i>	BC	3,730,411	05/01/73	Brockmuller	225	100	01/21/71
<i>1/8</i>	BD	3,748,937	07/31/73	Long	83	12	07/01/71
<i>1/8</i>	BE	3,764,002	10/9/73	Spiegel et al.	206	466	04/28/71
<i>1/8</i>	BF	3,797,822	03/19/74	Anderson	271	12	04/19/72
<i>1/8</i>	BG	3,856,196	12/24/74	Bayne et al.	225	100	01/26/73
<i>1/8</i>	BH	3,881,645	05/06/75	Kopp	225	94	10/04/73
<i>1/8</i>	BI	3,908,983	09/30/75	Long	271	35	01/21/74
<i>1/8</i>	BJ	3,929,326	12/30/75	Serangoli	271	3.1	05/29/74
<i>1/8</i>	BK	3,991,924	11/16/76	Schueler	225	100	07/30/75
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-class	Trans-lation
	BL						
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EXAMINER J.F. COAN				DATE CONSIDERED 3/22/00			
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	Applicant	
	Kotsiopoulos	
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
<i>1/ce</i>	CA	4,039,181	08/02/77	Prewer	271	10	11/10/75
<i>1/ce</i>	CB	4,060,168	11/29/77	Romagnoli	206	216	10/31/75
<i>1/ce</i>	CC	4,069,957	01/24/78	Moffitt	225	5	08/18/76
<i>1/ce</i>	CD	4,091,978	05/30/78	Graham II	225	100	11/08/76
<i>1/ce</i>	CE	4,118,022	10/03/78	Rayfield et al.	270	100	04/08/77
<i>1/ce</i>	CF	4,179,113	12/18/79	Gallimore	271	12	01/09/78
<i>1/ce</i>	CG	4,182,222	01/08/80	Stahl	93	35	02/16/78
<i>1/ce</i>	CH	4,216,952	08/12/80	McInerney	271	10	01/16/78
<i>1/ce</i>	CI	4,217,744	08/19/80	Mizutani	53	55	02/26/79
<i>1/ce</i>	CJ	4,222,511	09/16/80	Schueler	225	100	10/06/78
<i>1/ce</i>	CK	4,261,497	04/14/81	Roetter et al.	225	100	01/18/79

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		Document Number	Date	Country	Class	Sub-class	Translation
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U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
<i>1/8e</i>	DA	4,284,221	08/18/81	Nagel et al.	225	100	11/28/79
<i>1/8e</i>	DB	4,323,230	04/06/82	Rising	271	12	12/10/79
<i>1/8e</i>	DC	4,345,753	08/24/82	Marshall	271	146	05/16/80
<i>1/8e</i>	DD	4,351,517	09/28/82	Neal et al.	270	52	07/14/80
<i>1/8e</i>	DE	4,354,894	10/19/82	Lewis et al.	156	517	08/04/81
<i>1/8e</i>	DF	4,375,189	03/01/83	Berner et al.	101	68	04/30/81
<i>1/8e</i>	DG	4,385,537	05/31/83	Wolf	83	155	05/12/81
<i>1/8e</i>	DH	4,411,364	10/25/83	Friedman	206	466	01/19/82
<i>1/8e</i>	DI	4,412,631	11/01/83	Haker	221	66	09/17/81
<i>1/8e</i>	DJ	4,429,217	01/31/84	Hill et al.	235	380	06/15/79
<i>1/8e</i>	DK	4,455,809	06/26/84	Dallaserra	53	435	11/07/80
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		Document Number	Date	Country	Class	Sub-class	Trans-lation
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
<i>KE</i>	EA	4,498,894	02/12/85	Kuckhermann	493	234	06/03/83
<i>KE</i>	EB	4,516,765	05/14/85	Stocco et al.	271	95	11/15/82
<i>KE</i>	EC	4,524,557	06/25/85	Silverman et al.	53	55	01/09/84
<i>KE</i>	ED	4,530,200	07/23/85	Prewer	53	157	06/08/83
<i>KE</i>	EE	4,577,789	03/1986	Hofmann et al.	225	100	01/12/84
<i>KE</i>	EF	4,651,983	03/24/87	Long	271	35	07/26/84
<i>KE</i>	EG	4,657,133	04/14/87	Komatsu et al.	206	204	02/04/85
<i>KE</i>	EH	4,658,564	04/21/87	Bell, Jr. et al.	53	250	01/02/86
<i>KE</i>	EI	4,667,814	05/26/87	Wakamatsu et al.	206	0.7	10/22/85
<i>KE</i>	EJ	4,668,212	05/26/87	Kotani	493	216	12/17/84
<i>KE</i>	EK	4,688,708	08/25/87	Irvine et al.	225	100	09/18/86

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	EL						
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<i>sc</i>	FA	4,696,145	09/29/87	Schmidt et al.	53	436	01/13/84
<i>sc</i>	FB	4,717,043	01/05/88	Groover et al.	221	7	09/23/86
<i>sc</i>	FC	4,737,364	04/12/88	Kaldgris	424	195.1	02/04/87
<i>sc</i>	FD	4,752,002	06/21/88	Takahashi, et al.	206	204	12/15/86
<i>sc</i>	FE	4,851,075	07/1989	Parker	225	100x	01/19/88
<i>sc</i>	FF	4,856,649	08/15/89	Inoue	206	204	02/29/88
<i>sc</i>	FG	4,856,650	08/15/89	Inoue	206	204	10/26/87
<i>sc</i>	FH	4,897,273	01/30/90	Kotaki et al.	426	118	08/06/87
<i>sc</i>	FI	4,929,226	05/29/90	Focke et al.	493	343	10/21/88
<i>sc</i>	FJ	4,982,337	01/01/91	Burr et al.	364	479	12/03/87
<i>sc</i>	FK	5,010,240	4/23/91	Sheldon	83	102	04/11/89

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Examiner Initial	Document Number	Date	Name	Class	Sub-class	Filing Date	
<i>lee</i>	GA	5,079,901	01/14/92	Kotsiopoulos	53	435	12/21/90
<i>lee</i>	GB	5,090,591	02/25/92	Long	221	25	03/18/91
<i>lee</i>	GC	5,141,142	08/192	Ramsey	225	100x	04/01/91
<i>lee</i>	GD	5,238,164	08/1993	Freeman	225	4	07/29/92
<i>lee</i>	GE	5,282,350	2/1/94	Crowley	53	435	05/20/92
<i>lee</i>	GF	5,464,142	11/1995	Mol et al.	225	100	01/03/94
<i>lee</i>	GG	5,540,369	07/1996	Boreali et al.	225	100x	12/07/93
<i>lee</i>	GH	5,549,233	08/27/96	Clauser	225	100	12/23/94
<i>lee</i>	GI	5,588,280	12/31/96	Kotsiopoulos	53	435	06/07/95
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